

ABSTRACT

A fuser entrance guide in an electrophotographic apparatus, which supports a sheet of copy medium as it enters the fuser section. The guide has a curved base plate that has vacuum ports both at the edges and across the central area thereof. The ports in the central area are arranged 5 in rows with the exits of all ports in a respective row being fluidly connected by a groove formed in the lower surface of the base plate. The recessed area of the grooves reduce the total contact area of the sheet thereby reducing the drag forces on the sheet but, at the same time, increasing the holding force of the vacuum on the sheet.